



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

COPY OF PAPERS  
ORIGINALLY FILED

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Three-Stage Switch Fabric With Buffered Crossbar Devices** the specification of which is being filed under the above-identified Attorney Docket Number.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional Patent Application No. 60/255,749 Filing Date: 12/15/00

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Gerard A. deBlasi	(Reg. No. 34149)
Anthony Grillo	(Reg. No. 36535)
Mark A. Kurisko	(Reg. No. 38944)
Robert P. Marley	(Reg. No. 32914)
Scott W. McLellan	(Reg. No. 30776)
Geraldine Monteleone	(Reg. No. 40097)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
David L. Smith	(Reg. No. 30592)
John P. Veschi	(Reg. No. 39058)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor (or 1st joint inventor): Martin S. Dell

Inventor's signature M. S. Dell Date 1/15/02

Residence: Bethlehem, Northampton County, Pennsylvania

Citizenship: USA

Post Office Address: 4960 Harvey Road  
Bethlehem, Pennsylvania 18020

Full name of 2nd joint inventor: Zbigniew M. Dziong

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Atlantic Highlands, Monmouth County, New Jersey

Citizenship: CANADA

Post Office Address: 197 Thousand Oaks Drive  
Atlantic Highlands, New Jersey 07716

Full name of 3rd joint inventor: Wei Li

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Basking Ridge, Somerset County, New Jersey

Citizenship: GREAT BRITAIN

Post Office Address: 2 Scottmans Way  
Basking Ridge, New Jersey 07920

Full name of 4th joint inventor: Matthew Tota

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Clinton, Hunterdon County, New Jersey

Citizenship: USA

Post Office Address: 26 Messig Rd.  
Clinton, New Jersey 08809

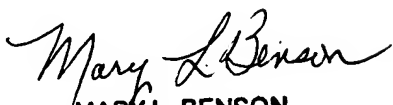
Full name of 5th joint inventor: Yung-Terng Wang

Inventor's  
signature  Date 1/7/02

Residence: Marlboro, Monmouth County, New Jersey

Citizenship: USA

Post Office Address: 7 Peach Tree Court  
Marlboro, New Jersey 07746

  
MARY L. BENSON  
Notary Public of New Jersey  
My Commission Expires June 3, 2004

**ATTACHMENT A**

Attorney Name(s):	<u>Steve Mendelsohn</u>	Reg. No.:	<u>35,951</u>
	<u>Ian M. Hughes</u>		<u>41,083</u>
	<u>Steven R. Petersen</u>		<u>31,287</u>

Telephone calls should be made to **Mendelsohn & Associates, P.C.** at:

Phone No.: 215-557-6657

Fax No.: 215-557-8477

All written communications are to be addressed to:

**Steve Mendelsohn  
Mendelsohn & Associates, P.C.  
1515 Market Street, Suite 715  
Philadelphia, PA 19102**

Customer No.: 22186



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

COPY OF PAPERS  
ORIGINALLY FILED

---

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Three-Stage Switch Fabric With Buffered Crossbar Devices** the specification of which is being filed under the above-identified Attorney Docket Number.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional Patent Application No. 60/255,749 Filing Date: 12/15/00

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Gerard A. deBlasi	(Reg. No. 34149)
Anthony Grillo	(Reg. No. 36535)
Mark A. Kurisko	(Reg. No. 38944)
Robert P. Marley	(Reg. No. 32914)
Scott W. McLellan	(Reg. No. 30776)
Geraldine Monteleone	(Reg. No. 40097)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
David L. Smith	(Reg. No. 30592)
John P. Veschi	(Reg. No. 39058)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor (or 1st joint inventor): Martin S. Dell

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Bethlehem, Northampton County, Pennsylvania

Citizenship: USA

Post Office Address: 4960 Harvey Road  
Bethlehem, Pennsylvania 18020

Full name of 2nd joint inventor: Zbigniew M. Dziong

Inventor's  
signature  \_\_\_\_\_ Date 01/09/02

Residence: Atlantic Highlands, Monmouth County, New Jersey

Citizenship: CANADA

Post Office Address: 197 Thousand Oaks Drive  
Atlantic Highlands, New Jersey 07716



Full name of 3rd joint inventor: Wei Li

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Basking Ridge, Somerset County, New Jersey

Citizenship: GREAT BRITAIN

Post Office Address: 2 Scottmans Way  
Basking Ridge, New Jersey 07920

Full name of 4th joint inventor: Matthew Tota

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Clinton, Hunterdon County, New Jersey

Citizenship: USA

Post Office Address: 26 Messig Rd.  
Clinton, New Jersey 08809

Full name of 5th joint inventor: Yung-Terng Wang

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Marlboro, Monmouth County, New Jersey

Citizenship: USA

Post Office Address: 7 Peach Tree Court  
Marlboro, New Jersey 07746

**ATTACHMENT A**

Attorney Name(s):	<u>Steve Mendelsohn</u>	Reg. No.:	<u>35,951</u>
	<u>Ian M. Hughes</u>		<u>41,083</u>
	<u>Steven R. Petersen</u>		<u>31,287</u>

Telephone calls should be made to **Mendelsohn & Associates, P.C.** at:

Phone No.: 215-557-6657

Fax No.: 215-557-8477

All written communications are to be addressed to:

**Steve Mendelsohn  
Mendelsohn & Associates, P.C.  
1515 Market Street, Suite 715  
Philadelphia, PA 19102**

Customer No.: 22186



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

COPY OF PAPERS  
ORIGINALLY FILED

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Three-Stage Switch Fabric With Buffered Crossbar Devices** the specification of which is being filed under the above-identified Attorney Docket Number.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional Patent Application No. 60/255,749 Filing Date: 12/15/00

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Gerard A. deBlasi	(Reg. No. 34149)
Anthony Grillo	(Reg. No. 36535)
Mark A. Kurisko	(Reg. No. 38944)
Robert P. Marley	(Reg. No. 32914)
Scott W. McLellan	(Reg. No. 30776)
Geraldine Monteleone	(Reg. No. 40097)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
David L. Smith	(Reg. No. 30592)
John P. Veschi	(Reg. No. 39058)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor (or 1st joint inventor): Martin S. Dell

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Bethlehem, Northampton County, Pennsylvania

Citizenship: USA

Post Office Address: 4960 Harvey Road  
Bethlehem, Pennsylvania 18020

Full name of 2nd joint inventor: Zbigniew M. Dziong

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Atlantic Highlands, Monmouth County, New Jersey

Citizenship: CANADA

Post Office Address: 197 Thousand Oaks Drive  
Atlantic Highlands, New Jersey 07716

Full name of 3rd joint inventor: Wei Li

Inventor's  
signature  Date 1/3/2002

Residence: Basking Ridge, Somerset County, New Jersey

Citizenship: GREAT BRITAIN

Post Office Address: 2 Scottmans Way  
Basking Ridge, New Jersey 07920

Full name of 4th joint inventor: Matthew Tota

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Clinton, Hunterdon County, New Jersey

Citizenship: USA

Post Office Address: 26 Messig Rd.  
Clinton, New Jersey 08809

Full name of 5th joint inventor: Yung-Terng Wang

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Marlboro, Monmouth County, New Jersey

Citizenship: USA

Post Office Address: 7 Peach Tree Court  
Marlboro, New Jersey 07746

**ATTACHMENT A**

Attorney Name(s):	<u>Steve Mendelsohn</u>	Reg. No.:	<u>35,951</u>
	<u>Ian M. Hughes</u>		<u>41,083</u>
	<u>Steven R. Petersen</u>		<u>31,287</u>

Telephone calls should be made to **Mendelsohn & Associates, P.C.** at:

Phone No.: 215-557-6657

Fax No.: 215-557-8477

All written communications are to be addressed to:

**Steve Mendelsohn  
Mendelsohn & Associates, P.C.  
1515 Market Street, Suite 715  
Philadelphia, PA 19102**

Customer No.: 22186



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

COPY OF PAPERS  
ORIGINALLY FILED

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Three-Stage Switch Fabric With Buffered Crossbar Devices** the specification of which is being filed under the above-identified Attorney Docket Number.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional Patent Application No. 60/255,749 Filing Date: 12/15/00

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Gerard A. deBlasi	(Reg. No. 34149)
Anthony Grillo	(Reg. No. 36535)
Mark A. Kurisko	(Reg. No. 38944)
Robert P. Marley	(Reg. No. 32914)
Scott W. McLellan	(Reg. No. 30776)
Geraldine Monteleone	(Reg. No. 40097)
Scott J. Rittman	(Reg. No. 39010)
Ferdinand M. Romano	(Reg. No. 32752)
David L. Smith	(Reg. No. 30592)
John P. Veschi	(Reg. No. 39058)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor (or 1st joint inventor): Martin S. Dell

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Bethlehem, Northampton County, Pennsylvania

Citizenship: USA

Post Office Address: 4960 Harvey Road  
Bethlehem, Pennsylvania 18020

Full name of 2nd joint inventor: Zbigniew M. Dziong

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Atlantic Highlands, Monmouth County, New Jersey

Citizenship: CANADA

Post Office Address: 197 Thousand Oaks Drive  
Atlantic Highlands, New Jersey 07716

Full name of 3rd joint inventor: Wei Li

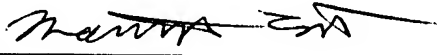
Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Basking Ridge, Somerset County, New Jersey

Citizenship: GREAT BRITAIN

Post Office Address: 2 Scottmans Way  
Basking Ridge, New Jersey 07920

Full name of 4th joint inventor: Matthew Tota

Inventor's  
signature  Date 1/15/02

Residence: Clinton, Hunterdon County, New Jersey

Citizenship: USA

Post Office Address: 26 Messig Rd.  
Clinton, New Jersey 08809

Full name of 5th joint inventor: Yung-Terng Wang

Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Marlboro, Monmouth County, New Jersey

Citizenship: USA

Post Office Address: 7 Peach Tree Court  
Marlboro, New Jersey 07746

**ATTACHMENT A**

Attorney Name(s):	<u>Steve Mendelsohn</u>	Reg. No.:	<u>35,951</u>
	<u>Ian M. Hughes</u>		<u>41,083</u>
	<u>Steven R. Petersen</u>		<u>31,287</u>

Telephone calls should be made to **Mendelsohn & Associates, P.C.** at:

Phone No.: 215-557-6657

Fax No.: 215-557-8477

All written communications are to be addressed to:

**Steve Mendelsohn  
Mendelsohn & Associates, P.C.  
1515 Market Street, Suite 715  
Philadelphia, PA 19102**

Customer No.: 22186